# Estimating Guide -- Field Summary Sheet

## Side 1: Estimating NUMBER of Recycling Set-Outs

NOTE: Please use this summary for fieldwork only after thoroughly reviewing the directions in the Estimating Guide.

**ONE** **# of Housing Units Setting Out at this location = Maximum Possible # of Recycling Set-Outs**

(This may have been determined earlier, but double-check it if you seem to be finding a larger number of recycling set-outs.)

**TWO** **START with the number of recycling bins and/or "non-bin" set-outs at this location.**

Remember that set-outs from different households may be:
- on opposite sides of the trash set-out,
- in a separate location from the trash,
- or (for corner buildings) even on different streets.

A "non-bin" set-out is considered to be any set-out (bag, box, etc) of:
- any of the materials accepted in the recycling program
- separate enough and free enough of trash to be readily collectable.

A bag of paper next to a recycling bin is usually part of that set-out, NOT a separate "non-bin" set-out.

**THREE** **LOOK for any reason # of Set-Outs might be different**

Reasons there may be MORE household recycling set-outs than bins:

a) "Non-bin" set-outs of paper and/or containers
- separate from other recycling in bins

b) Evidence of bin sharing:
- a bag, or different kind of bag, added to a bin of loose items
- poorly prepared materials thrown in with otherwise neat, clean items

c) Look for readily VISIBLE addresses (without searching the set-out)
- which might indicate material from different households

Reasons there may be FEWER recycling set-outs than bins:

a) Some households use one bin for paper and one for containers:
- with limited material in each bin is likely to be one set-out;
- with full bins may be large household OR bin-sharing

b) Look at mix of materials. Two bins of containers with nearly identical mix:
- may be one set-out from large household or one that doesn't recycle often
- could also mean bin-sharing, so check for cleanliness differences.

c) Look for address/unit # labels on the bins:
- if 2 bins with same UNIT #, good chance from same household
- if bins have only STREET #, some chance that bins are shared

**FOUR** **settle on your BEST ESTIMATE based on all of the above**
- more than one indicator may seem to apply
- some indicators may seem to point in opposite directions
- decide how strongly each seems to apply to the situation
- net out any offsetting indicators (i.e., +2 & -1 equals +1)

**remember, make your BEST JUDGEMENT, then move on…**

## Side 2: Estimating WEIGHTS of Recycling Set-Outs

## Chart A: Glass

| Count | Weight in Lbs. |
|---|---|
| 12 | 13.20 |
| 11.5 | 12.65 |
| 11 | 12.10 |
| 10.5 | 11.55 |
| 10 | 11.00 |
| 9.5 | 10.45 |
| 9 | 9.90 |
| 8.5 | 9.35 |
| 8 | 8.80 |
| 7.5 | 8.25 |
| 7 | 7.70 |
| 6.5 | 7.15 |
| 6 | 6.60 |
| 5.5 | 6.05 |
| 5 | 5.50 |
| 4.5 | 4.95 |
| 4 | 4.40 |
| 3.5 | 3.85 |
| 3 | 3.30 |
| 2.5 | 2.75 |
| 2 | 2.20 |
| 1.5 | 1.65 |
| 1 | 1.10 |
| 0.5 | 0.55 |

## Chart B: Other Containers

| Count | Weight in Lbs. |
|---|---|
| 24 | 2.40 |
| 23 | 2.30 |
| 22 | 2.20 |
| 21 | 2.10 |
| 20 | 2.00 |
| 19 | 1.90 |
| 18 | 1.80 |
| 17 | 1.70 |
| 16 | 1.60 |
| 15 | 1.50 |
| 14 | 1.40 |
| 13 | 1.30 |
| 12 | 1.20 |
| 11 | 1.10 |
| 10 | 1.00 |
| 9 | 0.90 |
| 8 | 0.80 |
| 7 | 0.70 |
| 6 | 0.60 |
| 5 | 0.50 |
| 4 | 0.40 |
| 3 | 0.30 |
| 2 | 0.20 |
| 1 | 0.10 |

## Chart C: Paper

| #" thick | Item | Weight in Lbs. |
|---|---|---|
| 8.0 | NEWS | 18.80 |
| 7.0 | NEWS | 16.45 |
| 6.5 | NEWS | 15.28 |
| 6.0 | NEWS | 14.10 |
| 5.5 | NEWS | 12.93 |
| 5.0 | NEWS | 11.75 |
| 4.5 | NEWS | 10.58 |
| 4.0 | NEWS | 9.40 |
| 3.5 | NEWS | 8.23 |
| 3.0 | NEWS | 7.05 |
| 2.0 | NEWS | 4.70 |
| 1.0 | NEWS | 2.35 |

### Mixed Paper

| | | |
|---|---|---|
| 8.0 | *mixed* | 14.80 |
| 7.0 | *mixed* | 12.95 |
| 6.0 | *mixed* | 11.10 |
| 5.5 | *mixed* | 10.18 |
| 5.0 | *mixed* | 9.25 |
| 4.5 | *mixed* | 8.33 |
| 4.0 | *mixed* | 7.40 |
| 3.5 | *mixed* | 6.48 |
| 3.0 | *mixed* | 5.55 |
| 2.0 | *mixed* | 3.70 |
| 1.0 | *mixed* | 1.85 |

### Magazines Only

| | | |
|---|---|---|
| 6.0 | Mags | 24.00 |
| 5.0 | Mags | 20.00 |
| 4.5 | Mags | 18.00 |
| 4.0 | Mags | 16.00 |
| 3.5 | Mags | 14.00 |
| 3.0 | Mags | 12.00 |
| 2.0 | Mags | 8.00 |
| 1.0 | Mags | 4.00 |

### Corrugated Cardboard

| | | |
|---|---|---|
| 8.0 | Corr | 16.00 |
| 7.0 | Corr | 14.00 |
| 6.0 | Corr | 12.00 |
| 5.0 | Corr | 10.00 |
| 4.5 | Corr | 9.00 |
| 4.0 | Corr | 8.00 |
| 3.5 | Corr | 7.00 |
| 3.0 | Corr | 6.00 |
| 2.0 | Corr | 4.00 |
| 1.0 | Corr | 2.00 |

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Prepared by Clear View Consulting, August 2002